

Curriculum Vitae

DR. SHEREEN M. ALEIDI, BSc., MSc., PhD

Personal Information

Full name: Shereen M. Aleidi
Current position: Assistant Dean of Clinical Training and Hospital Affairs.
Assistant professor of Clinical Biochemistry and Clinical Pharmacy

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Education

Mar. 2013 – Jul. 2016 **PhD in Pharmacy**, Faculty of pharmacy, The University of Sydney, Australia
Thesis Title: “**Characterization of the Post-Translational Regulation of the ABCA1 and ABCG1 Lipid Transporters by E3 Ligases**”.

Sept. 2010 – Jul. 2012 **MSc. in Clinical Pharmacy**, School of pharmacy, The University of Jordan, Jordan
Thesis Title: "**Evaluation of Adiponectin Serum Level in Jordanian Type 2 Diabetic Patients**". GPA 3.94 out of 4.00 (Distinction), ranked 2nd in Class 2012.

Sept. 2005 – June 2010 **BSc. Pharmacy**, School of pharmacy, The University of Jordan, Jordan
GPA 3.89 out of 4.00 (Distinction), ranked 5th in Class 2010.

Sept. 2004 – Aug. 2005 **General Secondary Education Certificate Examination**, Scientific stream, Jordan
Grade (92.5%), Distinction, ranked 1st in Class 2005.

Professional Experience

Sep.2020- Present **Assistant Dean of Clinical Training and Hospital Affairs.**
School of Pharmacy, The University of Jordan, Amman, Jordan
Organizing hospital training for BSc. Doctor of Pharmacy and MSc. clinical pharmacy students at Jordan university hospital and Royal Medical services.

Sep.2017 – Present **Assistant Professor of Clinical Biochemistry and Clinical Pharmacy**
School of Pharmacy, The University of Jordan, Amman, Jordan
Undergraduate Taught courses: Biochemistry I and II, Clinical pharmaceutical Biochemistry, Immunology and Genetics, Research project, Seminars in clinical pharmacy and biopharmaceutics, Hospital oncology training.

Sep.2016 – Sep.2017 **Full time Lecturer of Clinical Biochemistry and Clinical Pharmacy**
School of Pharmacy, The University of Jordan

- Jan. 2014 – Nov.2015** **Tutor and lab demonstrator**, Part time (casual academic staff member).
School of pharmacy, The University of Sydney, Sydney, Australia.
Duties: - Preparing and conducting tutorials in Therapeutic Principles,
- Demonstration in Physical Pharmaceutics and Formulation practical classes
- Jul. 2014 – Oct. 2015** **Advisor Assistant for Honor Students** at Dr. Ingrid Gelissen research laboratory,
School of pharmacy, The University of Sydney, Australia
Duties: - Supervision on two honor students' projects.
- Teaching the students different research related skills.
- Data interpretation
- Jan. 2014 – Sep.2015** **Exam Invigilator**, School of pharmacy, The University of Sydney, Australia
Duties: -Supervision and conduct of written exams and objective structured clinical examination (OSCE), for pharmacy practice course within the School.
- Apr. 2014 – May 2015** **Research assistant, (Translator)**, Australian Council for Educational Research (ACER), Sydney, Australia.
Duties: - Participation in marking project of the External Measurement Standards Assessment (EMSA) for the Abu Dhabi Education Council.
- Feb. 2011 – Mar. 2013** **Full time Lecturer/ Preceptor**, School of Pharmacy and Jordan University Hospital. Amman, Jordan.
Duties: -Teaching clinical case study in therapeutics for PharmD students.
Teaching specialized hospital pharmaceutical training and case studies workshops for MSc. students.
- Sept. 2010 – Jan.2011** **Part time Teaching Assistant**, School of Pharmacy, The University of Jordan.
Duties: - Organizing and teaching Clinical Pharmacokinetics, Pharmacology, and Biochemistry practical courses.

Awards and Scholarships

- May 2019** **Daniel Turnberg Travel Fellowship**, Three months research visit to Dr. Ian Kerr laboratory, Nottingham University, United Kingdom.
Research Title: **Detecting Interactions of ABCG2 Transporter with Substrate and Inhibitors Using a NanoBRET Reporter Assay**
- Nov. 2015** **Postgraduate Research Support Scheme (PRSS)**, From the University of Sydney
- 2013-2016** **PhD Full Scholarship**, From the University of Jordan.
- 2011-2012** **Scientific Achievement Scholarship for Outstanding Postgraduate Students**, From Ministry of Higher Education, Jordan
- 2008-2010** **Undergraduate Scholarship for Distinguished Students in Public Universities**, From King Abdullah II Fund for Development (KAFD), Jordan.

Professional Memberships

2020- Present	Association of Jordanian Women Academics
2020- Present	Jordan Society for Scientific Research, Entrepreneurship, and Creativity
2017-Present	Scientific research committee at school of Pharmacy, The University of Jordan
2017-2018	Accreditation Council for Pharmacy Education and Course Syllabus committee at school of Pharmacy, The University of Jordan
2017-2018	Organization Committee for Student Union Council election
2016-Present	Middle East Molecular Biology Source (MEMBS)
2015 – Present	Australian Vascular Biology Society (AVBS)
2014 – Present	American Association of Pharmaceutical scientists (AAPS), Sydney student chapter member, Manager Assistant (Aug. 2014- Aug. 2015)
2014 – Present	American Society for Biochemistry and Molecular Biology (ASBMB)
2010 – Present	Jordan Pharmaceutical Association (JPA).

Community Services

2017 – Present	Member in the examination committee for high school graduation scientific projects, The Jubilee Institute, Amman, Jordan
2017 – Present	Member in the Share-Net Jordan Program which is an international program focus on the development of family and reproductive health and right in the Middle East. This is in Collaboration with Higher Population Council (HPC), Amman. Jordan

Languages

- Arabic (Native language)
- English (Fluently spoken and written)

Research Interest

- Protein analysis and quantification
- Biomarkers discovery and evaluation in cases of T2DM, Obesity, and Aging.
- Clinical pharmacy and pharmacy education.

Research Funding/Grants

2020	Characterizations of the role of HCTD1 E3 ligase enzyme as a regulator of epithelial mesenchymal transition (EMT) inducing transcription factor and breast cancer metastasis, 15000 JOD , Deanship of Scientific Research, The university of Jordan.
2018	Investigation of the new role of the multitasking medication (metformin) as an anti-aging drug in patients with type 2 diabetes, 15000 JOD , Deanship of Scientific Research, The university of Jordan

Publications

***Peer reviewed after PhD:*

1. **Shereen M. Aleidi**, Lina A. Dahabiyeh, Xinyun Gu, Mohammed Al Dubayee, Awad Alshahrani, Hicham Benabdelkamel, Muhammad Mujammami, Liang Li, Ahmad Aljada, and Anas M. Abdel Rahman. "Obesity Connected Metabolic Changes in Type 2 Diabetic Patients Treated With Metformin". Frontiers in pharmacology (2021), 11:616157-616157.
2. Ian D. Kerr, Ella Hutchison, Louise Gerard, **Shereen M. Aleidi**, and Ingrid C. Gelissen. " Mammalian ABCG-transporters, sterols and lipids: To bind perchance to transport? " Biochimica et Biophysica Acta (BBA) - Molecular and Cell Biology of Lipids (2021), 1866(3):158860.
3. Ala Y. Issa, Husam A. AL Salamat, Wedad B. Awad, Rand M. Haddaden, and **Shereen M. Aleidi**, (2020) " The impact of pharmaceutical care on the efficacy and safety of transdermal glucosamine sulfate and capsaicin for joint pain" International Journal of Clinical Pharmacy, (2021), 43(1):101-106
4. Eman Elayah , **Shereen M. Aleidi**, Rawan Ya'acoub, Randa N. Haddadin, " Before and after case reporting: A comparison of the knowledge, attitude and practices of the Jordanian population towards COVID-19". PLOS ONE (2020), 15(10):e0240780.
5. **Shereen M. Aleidi**, Eman Elayah, Dina Zraiqat, Roua Abdallah, Montaha AL-Iede, " Factors Affecting the Academic Performance of Medical, Dental, and Pharmacy Students in Jordan". Jordan Journal of Pharmaceutical Sciences, (2020), 13, 2,169-183
6. Eman Y Abu-Rish, Ahmad T Mansour, Hebah T Mansour, Lina A Dahabiyeh, **Shereen M Aleidi**, Yasser Bustanji, "Pregabalin inhibits in vivo and in vitro cytokine secretion and attenuates spleen inflammation in Lipopolysaccharide/Concanavalin A-induced murine models of inflammation", Scientific reports, (2020), 10,1,1-11.
7. **Shereen M. Aleidi**, Eman Shayeb, Jameel Bzour, Eman Abu-Rish, Mohammad Hudaib, Sundous Al Alawi, And Yasser Bustanji. "Serum level of insulin-like growth factor-I in type 2 diabetic patients: impact of obesity". Hormone molecular biology and clinical investigation. (2019), 39 (1):1868-1891
8. Amjad Alrosan ,**Shereen M. Aleidi** ,Alryel Yang ,Andrew J. Brown and Ingrid C. Gelissen. " The Adaptor Protein Alix is Involved in the Interaction between the Ubiquitin Ligase NEDD4-1 and its Targets, ABCG1 and ABCG4". International Journal of Molecular Science. (2019), 20 (11): 2714.
9. S. K. Bardaweel, H. A. Al Salamat, **S. M. Aleidi** and R. M. Bashatwah "Glucose deprivation enhances the antiproliferative effects of oral hypoglycemic biguanides in different molecular subtypes of breast cancer: An in vitro study". Acta Pharmaceutica. (2018), 68(4):517-524.

***Peer reviewed from PhD thesis:*

10. **Shereen M. Aleidi**, Alryel Yang, Laura J. Sharpe, Geetha Rao, Blake J. Cochran, Kerry-Anne Rye, Andrew J. Brown and Ingrid C. Gelissen." The E3 ligase HECTD1 regulates ABCA1 expression and function". BBA - Molecular and Cell Biology of Lipids. (2018), 1863(4):359-368.
11. **Shereen M. Aleidi**, Vicky Howe, Laura J. Sharpe, Alryel Yang, Geetha Rao, Andrew J. Brown, and Ingrid C. Gelissen." The E3 Ubiquitin Ligases, HUWE1 and NEDD4-1, Are Involved in the Post-

translational Regulation of the ABCG1 and ABCG4 Lipid Transporters". The Journal of Biological Chemistry. (2015), 290(40): 24604-24613.

12. Laura J. Sharpe, Geetha Rao, Peter M. Jones, Elizabeth Glancey, **Shereen M. Aleidi**, Anthony M. George, Andrew J. Brown, and Ingrid C. Gelissen." Cholesterol sensing by the ABCG1 lipid transporter: Requirement of a CRAC motif in the final transmembrane domain". Biochim Biophys Acta. (2015),1851(7): 956-964.

***Peer reviewed from Master Thesis:*

13. **Shereen Aleidi**, Ala Issa, Haidar Bustanji, Mohammad Khalil and Yasser Bustanji." Adiponectin serum levels correlate with insulin resistance in type 2 diabetic patients". Saudi Pharmaceutical Journal. (2015), 23(3): 250-256."

Conference Presentations

1. **Shereen M. Aleidi** " Detecting Interactions of ABCG2 Transporter with Substrates and Inhibitors using a Nano-Bret Reporter Assay" . Oral presentation.The school of pharmacy 2021 conference. (7-8 April 2021).The University of Jordan, Amman, Jordan
2. Mohammad K.Al-Nawayseh, Eman Elayeh, Montaha AL-Iede, Khaled Al-Oweidat, and **Shereen M. Aleidi** "The use of mobile health applications For Asthma self-management" Poster presentation . The 34th International Business Information Management Association Conference (IBIMA), (Nov. 2019) Spain.
3. **Shereen M. Aleidi**, Alryel Yang, Laura J. Sharpe, Geetha Rao, Blake J. Cochran, Kerry-Anne Rye, Andrew J. Brown and Ingrid C. Gelissen. "The E3 ubiquitin ligase HECTD1 is involved in ABCA1-mediated cholesterol export from macrophages. Poster presentation. The 5th Middle East Molecular Biology Congress and Exhibition,(3-6 October 2018), King Hussein bin Talal Convention Centre Dead Sea, Jordan.
4. **Shereen M. Aleidi**, Characterization of the Post-Translational Regulation of the ABCA1 and ABCG1 Lipid Transporters by E3 Ligases. Oral presentation, First International Conference of the Faculty of Pharmacy, Mu'tah University, (18th -19th April, 2018), Dead Sea, Jordan.
5. **Shereen M. Aleidi**, Sharpe L.J., Rao G., Burns V., Brown A.J. and Gelissen I.C. E3 Ubiquitin Ligases, HUWE1 and NEDD4-1, are Involved in the Post-Translational Regulation of the ABCG1 and ABCG4 Lipid Transporters. Poster Presentation, the 23rd Annual Scientific Meeting of the Australian Vascular Biology Society, (19th-22nd Nov, 2015), Kiama, NSW, Australia.
6. **Shereen M. Aleidi**, Sharpe L.J., Rao G., Burns V., Brown A.J. and Gelissen I.C. Regulation of ABCG1 lipid transporter by E3 ubiquitin ligase enzymes. Poster Presentation, the 2nd Australian Lipid Meeting (ALM), (3rd-5th Dec, 2014), Wollongong, NSW, Australia.
7. **Shereen M. Aleidi** , Sharpe L.J., Rao G., Burns V., Brown A.J. and Gelissen I.C. E3 ubiquitin ligases are involved in the post-translational modification of the ABCG1 lipid transporter. Poster Presentation, ComBio, (28th Sept -2nd Oct, 2014), Canberra, ACT, Australia.
8. **Shereen M. Aleidi**, Post-translational Regulation of ABCG1 Lipid Transporter via Ubiquitination Process. Oral Presentation, American Association of Pharmaceutical Scientists (AAPS) Symposium, (28th Aug, 2014), Sydney, NSW, Australia.
9. **Shereen M. Aleidi**, Issa.A. Bustanji Y., Khalil M. Evaluation of adiponectin serum level in Jordanian type 2 diabetic patients. Poster Presentation. 15th Scientific Congress of the Association of Pharmacy Colleges in the Arab World, (21st -23rd Oct. 2012), Amman, Jordan.

Conferences, Workshops, and Training Courses Attended

1. The use of Microsoft Team in online teaching, Accreditation and Quality Assurance Center, **17/6/2020**, The university of Jordan
2. New Horizons and Opportunities for Pharmacy Practice and Education, **12/1/2020**, Applied and science university, Amman, Jordan.
3. Responsible Conduct of Research, Accreditation and Quality Assurance Center, **17/12/2019**, The university of Jordan
4. Scientific workshop with the International Center for Biotechnology and Genetics Engineering (ICBGE), **27/10/2019**, Faculty of Medicine, The university of Jordan
5. Queen's University Belfast – Jordan Research Symposium in Healthcare, Pharma and Agri-Food, (**8-9 January 2019**) Al-Ahliyyah Amman University, Amman
6. “Pharmacy as a profession, what is needed? Implications for Jordan”, lecture, (**22/4/2018**) The University of Jordan, Amman, Jordan.
7. MEMBS molecular biology day. (**11-4-2018**), Hamdi Mango Research Centre for Scientific Research, The university of Jordan, Amman, Jordan.
8. The 6th International Jordanian Congress of Allergy and Immunology. (**26-28/7/2017**) Amman, Jordan.
9. “Project based learning and flipped learning workshop”, (**24/5/2017**), the university of Jordan, Amman, Jordan.
10. ASU Pharmacy Third Conference "Recent Trends in Postgraduate Research". (**14-15/4/2017**) Applied Science University. Amman, Jordan
11. Excellence in Pharmacy Education & Research: A Quality Approach, (**25-27/10/2016**). The University of Jordan, Amman, Jordan.